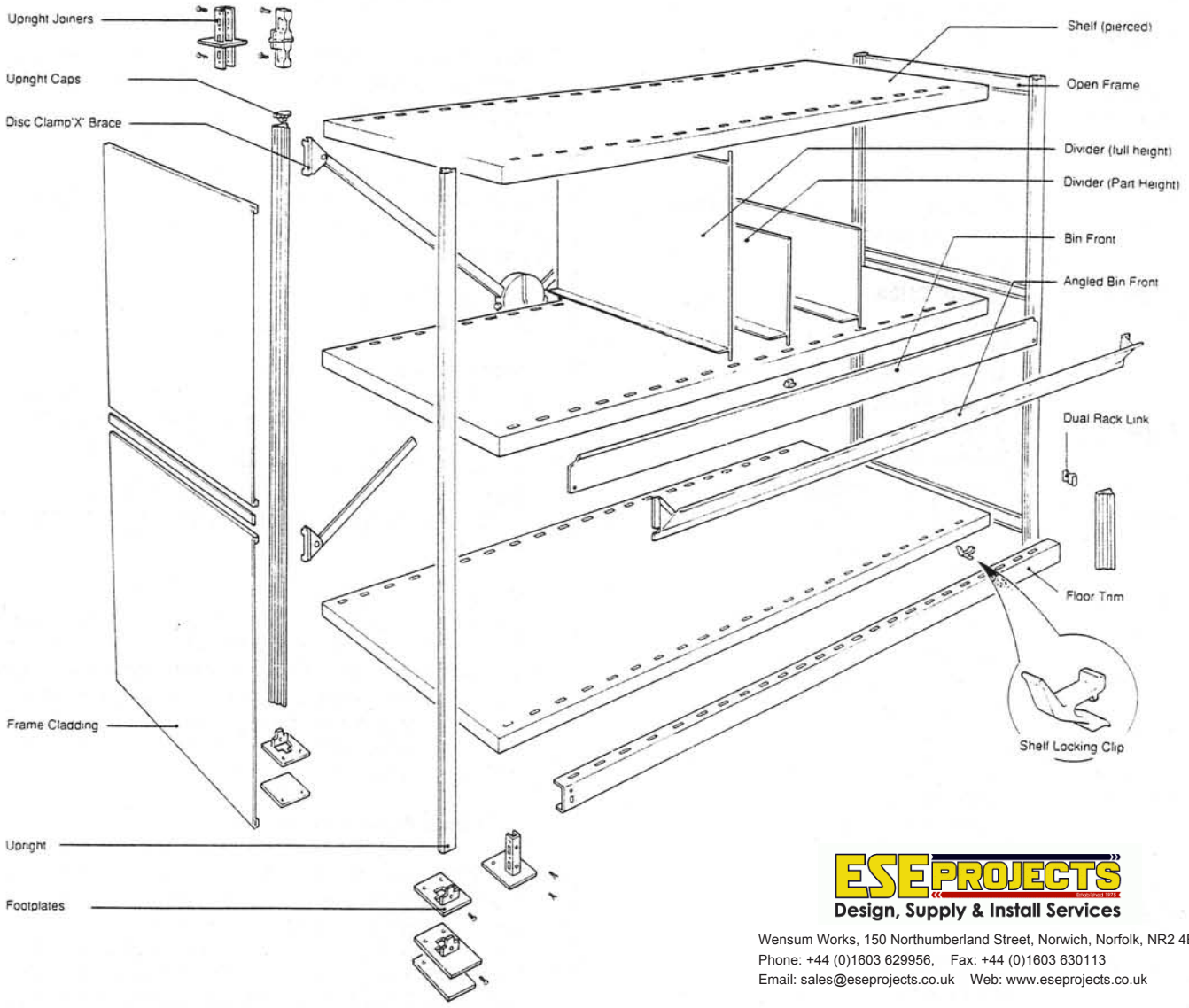
EXPLODED DRAWING



ESE PROJECTS
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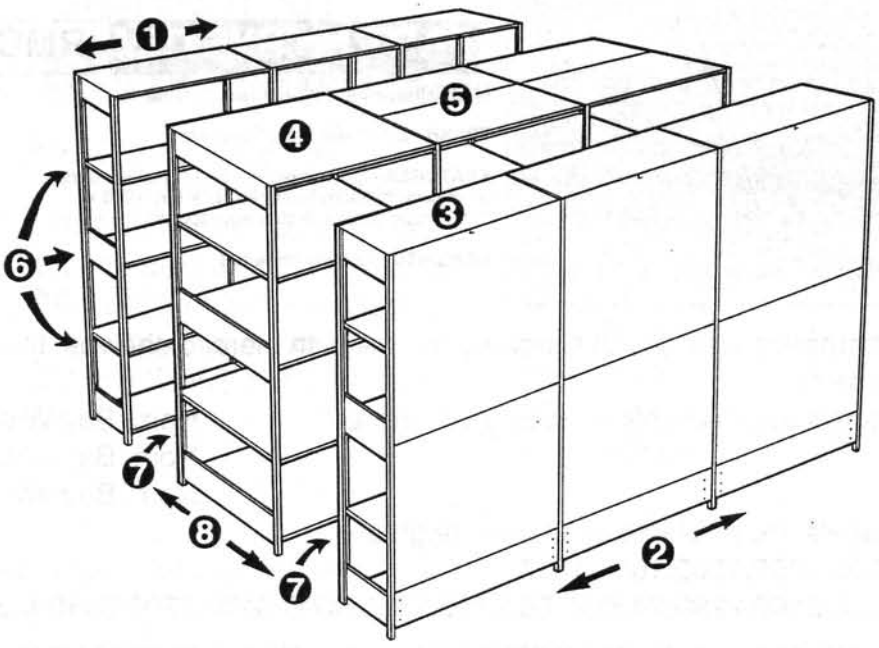
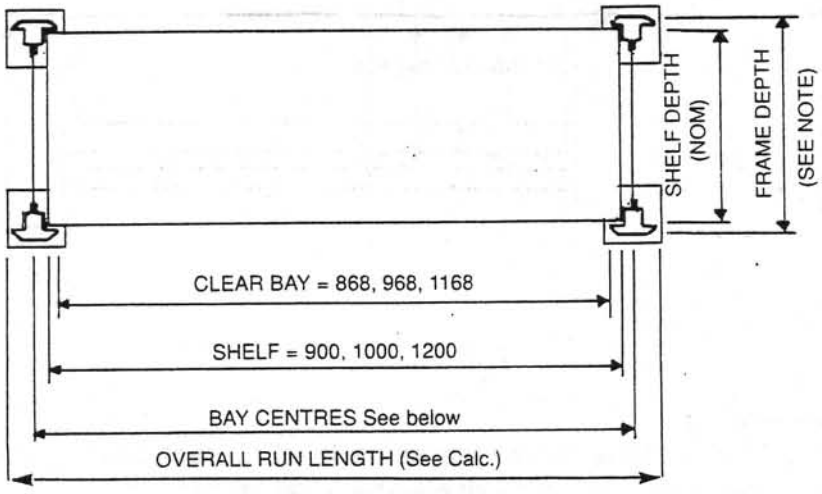
Readily Adjustable Shelving
Where shelves are not bolted but attached to uprights by clips, brackets, or lugs, etc.

❶ **Bay**. A module between uprights or upright frames.
❷ **Run**. A series of bays, connected lengthwise.
❸ **Single Sided.** A single depth of Shelving accessible from one side only.
❹ **Single Sided (Double Entry)**. A single depth of Shelving, accessible from both sides.
❺ **Double Sided.** Two runs built back to back not necessarily of the same depth.
❻ **Levels**. The number of storage levels in the height.
❼ **Aisle**. Space giving access to picking or loading faces.
❽ **Gangway**. Space for movement or transport but not giving direct access to picking or loading faces.



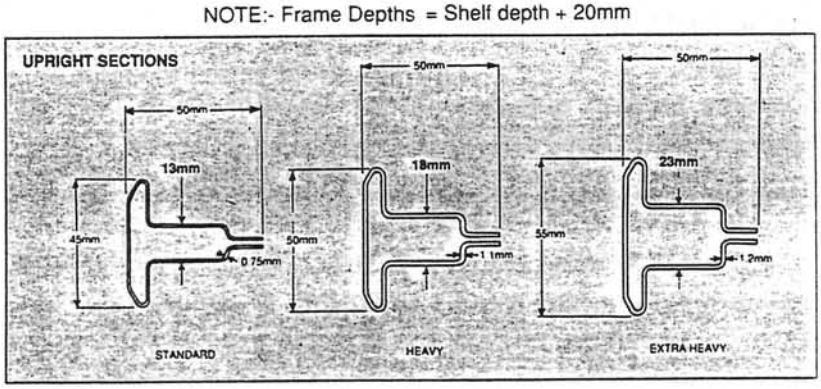
OVERALL DIMENSIONS

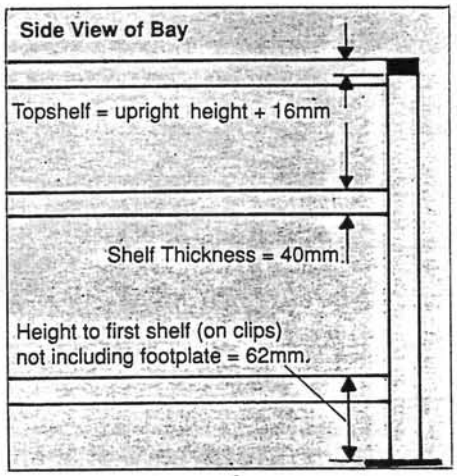
PLAN VIEW OF SHELF BAY



'S' UPRIGHT = SHELF + 13mm
'H' UPRIGHT = SHELF + 18mm
'E' UPRIGHT = SHELF + 23mm

NOTE:- Frame Depths = Shelf depth + 20mm





Overall Run Length Calculation
O.R.L. = (Nº of Bays x Bay Centres) + 1 Footplate
Example: 6 Bays of 1000mm shelving, 'S' Uprights
= (6x1013) + 70
= 6148mm

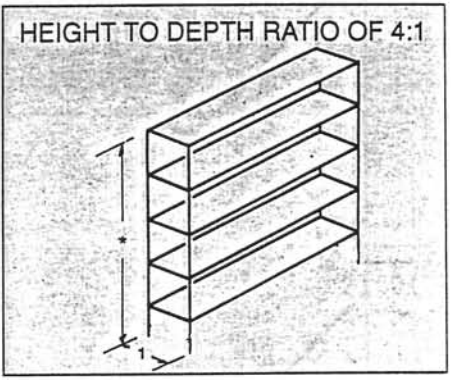
Tolerances
Bay Centres = ± 0.55mm
Frame Depth = ± 1.5mm

FOOT FIXING REQUIREMENTS

Conditions for no Fixings

Footplates need not be fixed to the floor or upright when the following condition applies

- Where the height to depth ratio is less than or equal to 4:1 (Except where there is no shelf within 200mm of the floor).

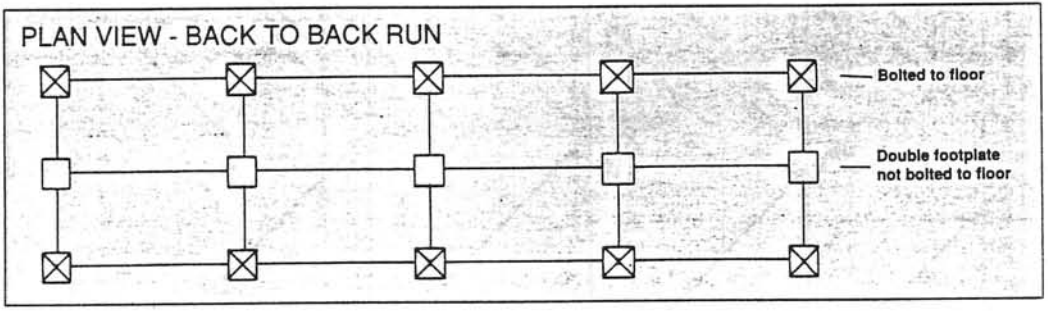


NOTE. The use of shims may require fixing to prevent 'Slippage'.

* Height to top of shelf.

Conditions for Floor Fixing.

Footplates must be fitted to the floor and upright where the height to depth ratio exceeds 4:1



The sketch shows how double footplates do not require fixing to the floor.

Use of Brass Expansion Floor Fixings

Footplates should be fixed to the floor using a brass expansion type fixing.

NOTE. Footplates should be bolted to the floor using one fixing. When more than two shims are used then two fixings must be used

SHELF LOADS

SHELF LOADS (PIERCED & UNPIERCED SHELVES)

Depth (mm)	Duty	Width (mm) 900 kg	900 lb	1000 kg	1000 lb	1200 kg	1200 lb
300	Standard	200	*440*	160	*352*	120	*264*
	Heavy	270	*595*	200	*440*	170	*374*
	Extra heavy	350	*771*	310	*683*	260	*573*
400	Standard	200	*440*	160	*352*	120	*264*
	Heavy	270	*595*	200	*440*	170	*374*
	Extra heavy	350	*771*	310	*683*	260	*573*
450	Standard	200	*440*	160	*352*	120	*264*
	Heavy	270	*595*	200	*440*	170	*374*
	Extra heavy	350	*771*	310	*683*	260	*573*
500	Standard	180	*396*	160	*352*	120	*264*
	Heavy	250	*551*	200	*440*	170	*374*
	Extra heavy	350	*771*	310	*683*	260	*573*
600	Standard	150	*330*	135	*297*	115	*253*
	Heavy	210	*462*	185	*407*	150	*330*
	Extra heavy	275	*606*	260	*573*	225	*496*
750	Extra heavy			180	*396*		
900	Extra heavy			145	*319*		